

FEATURED PROJECT



Featured Facts:

Project Location:
Bloomington, IN

Key Features:
LEED-NC Certification
Compressed Air System
Low Voltage Cabling
Heat Recovery Analysis

Square Footage:
250,000

Estimated Cost:
\$28,000,000

Printpack Manufacturing Facility

The Printpack Manufacturing Facility is over 250,000 square feet of manufacturing and printing operations. The plant provides a broad range of products for well-known companies including McDonald's and Colgate, as well as for local bakeries.

Conway & Owen designed electrical systems with four services to support the plate making process, hazardous area ink storage and distribution, eight press machines, twenty bag machines, and the warehouse and office support facility. Our project scope included heat recovery analysis, foam agent fire protection, smog hogs, compressed air system, solvent tank, low voltage cabling, and energy model calculations.

The Printpack facility is designed for LEED-NC Certification.



INDUSTRIAL



Mitsubishi Power Systems Turbine Manufacturing Plant Savannah, Georgia

This 413,500 square foot plant manufactures gas turbine combustor components for the support of currently operating units in the Western hemisphere and new turbines worldwide. HVAC design included a central plant with chillers, cooling tower, dust collection system, and coating booth ventilation system. The plumbing design included air compressors, receivers, and dryers associated with a compressed air system. The electrical design features a 16 mega Watt electrical power plant for the manufacturing facility and office space, as well as 1 mega Watt of generator back-up system.



Mitsubishi Power Systems Turbine Manufacturing Plant

Cummins Holset North American Headquarters Charleston, South Carolina

A 130,000 square foot manufacturing, research and development, and testing facility for heavy equipment engine turbo chargers. It has a central plant with process chilled water and process compressed air driven by 1,400 hp Garner Denver compressed air machines.

Shaw Carpet Plant Cartersville, Georgia

A new 75,000 square foot manufacturing plant that houses equipment for manufacturing carpet tiles. It has nine 4000 amp electrical services to power the equipment. Since the plant was designed for LEED Silver, LED fixtures and an efficient heating system were used.

TVA Bull Run Fossil Plant Clinton, Tennessee

A Tennessee Valley Authority Pre-Ground Limestone facility with a 2,354 square foot blower building and two silos. The project included area lighting for 24 hour operation as well as convenience power for welders and other maintenance equipment.

Best Buy Louisville Service Center Louisville, Kentucky

A new 160,000 square foot computer service center that included a computer repair center application with special humidity control and a dust collection system.

Other Notable Projects:

- Yancey Brothers Plant; Austell, Georgia
- Mansfield Oil Company Headquarters; Gainesville, Georgia
- Allied Aerofoam; Atlanta, Georgia
- Tire Rack Warehouse Distribution Facility; Savannah, Georgia
- Atlantic Southeast Airlines Facility; College Park, Georgia
- Unilever Distribution Centers; Various Locations, United States



Best Buy Louisville Service Center



TVA Bull Run Fossil Plant



Yancey Brothers Plant



Cummins Holset NA Headquarters